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(FILE 'USPAT' ENTERED AT 07:42:23 ON 11 MAY 1999)
L1      302 S (EMAIL OR E(W)MAIL) (P) (PICTURE# OR IMAGE# OR ICON# OR GR
APH
L2      36 S AUTOMATIC? (P) L1
L3      1982 S GUI OR GRAPHIC (W) USER# (W) INTERFACE#
L4      4 S L2 AND L3
L5      3560 S GUI OR GRAPHIC? (W) USER# (W) INTERFACE#
L6      83 S L1 AND L5
L7      426020 S CONTROL? (P) SELECT?
L8      53 S L6 AND L7
L9      53 S L8 AND (AGENT OR ICON OR IMAGE# OR SYMBOL# OR IDOL# OR
CHA
L10     7 S L9 AND FRIENDLY
L11     15 S L1 /AB
L12     6 S L9 AND L11
L13     21 S L6 AND ANIMAT?
L14     18 S L7 AND L13
L15     3 S L14 AND SIMULAT?
L16     31 S L8 AND APPENDED
L17     5 S L16 AND HEADER
L18     5 S L17 AND (PREDEFIN? OR PREDETERMIN?)
L19     2 S L18 AND EXPIR?
L20     12 S L1 (P) HEADER
L21     2 S L20 AND (ANIMAT? OR SIMULAT?)
L22     2095 S (EMAIL OR E(W)MAIL OR ELECTRONIC# (W) (MAIL# OR MESSAGE#) (
P) G
L23     145 S L22 /AB
L24     86219 S (AUTOMATIC? OR VOLUNT?) (3W) (SEND? OR SENT OR RECEIV? OR
CON
L25     18 S L23 AND L24
L26     11862 S HEADER AND (SENTENCE# OR MESSAGE# OR CONTENT) AND (CLASS
##
L27     4 S L25 AND L26

```

=> d 1-4

1. 5,784,095, Jul. 21, 1998, Digital audio system with video output program guide; Clyde Robbins, et al., 348/6, 10, 906; 455/6.2 [IMAGE AVAILABLE]
2. 5,579,472, Nov. 26, 1996, Group-oriented communications user interface; George A. Keyworth, II, et al., 345/326; 340/825.44 [IMAGE AVAILABLE]
3. 5,333,266, Jul. 26, 1994, Method and apparatus for **message** handling in computer systems; Wade Boaz, et al., 395/200.36; 379/88.13, 93.15, 93.24, 100.08, 908; 709/248 [IMAGE AVAILABLE]
4. 5,247,591, Sep. 21, 1993, Method and apparatus for the primary and secondary routing of fax messages using hand printed characters; Paul Baran, 382/179; 283/117; 358/402, 440; 382/317 [IMAGE AVAILABLE]

=> e microsoft /as

E#	FILE	FREQUENCY	AT	TERM
E1	USPAT	1		MICROSLATE CORP/AS
E2	USPAT	5		MICROSLATE INC/AS
E3	USPAT	2	--->	MICROSOFT/AS
E4	USPAT	5		MICROSOFT CORP/AS
E5	USPAT	865		MICROSOFT CORPORATION/AS
E6	USPAT	1		MICROSOFT CORPORATION INC/AS
E7	USPAT	2		MICROSONE/AS
E8	USPAT	3		MICROSONIC ENGINEERING DEVICES CO MPANY INC/AS
E9	USPAT	1		MICROSONIC GESELLSCHAFT FUR MIKRO ELEKTRONIK UND ULTRASCHALLTECHNIK MBH/AS
E10	USPAT	2		MICROSONIC INC/AS
E11	USPAT	3		MICROSONICS CORPORATION/AS
E12	USPAT	4		MICROSONICS INC/AS

=> s e3-e6

2 MICROSOFT/AS
5 "MICROSOFT CORP"/AS
865 "MICROSOFT CORPORATION"/AS
1 "MICROSOFT CORPORATION INC"/AS
L1 873 (MICROSOFT/AS OR "MICROSOFT CORP"/AS OR "MICROSOFT CORPORAT
ION
"/AS OR "MICROSOFT CORPORATION INC"/AS)

=> s memail or mail or e(w)mail or electronic#(w) (mail or message#)

0 MEMAIL
11108 MAIL
1440290 E
11108 MAIL
1189 E (W)MAIL
320836 ELECTRONIC#
11108 MAIL
61511 MESSAGE#
2230 ELECTRONIC#(W) (MAIL OR MESSAGE#)
L2 11304 MEMAIL OR MAIL OR E(W)MAIL OR ELECTRONIC#(W) (MAIL OR MESSAGE
#)

=> s 12 /ab

0 MEMAIL/AB
1673 MAIL/AB
75357 E/AB
1673 MAIL/AB
82 E/AB (W)MAIL/AB
45343 ELECTRONIC#/AB
1673 MAIL/AB
10329 MESSAGE#/AB
204 ELECTRONIC#/AB (W) (MAIL/AB OR MESSAGE#/AB)
L3 1703 (MEMAIL/AB OR MAIL/AB OR E/AB (W)MAIL/AB OR ELECTRONIC#/AB (W)
(MA
IL/AB OR MESSAGE#/AB))

=> del 12-13

DELETE L2-L3? (Y)/N:y

=> s email or mail or e(w)mail or electronic#(w) (mail or message#)

313 EMAIL
11108 MAIL
1440290 E
11108 MAIL
1189 E (W) MAIL
320836 ELECTRONIC#
11108 MAIL
61511 MESSAGE#
2230 ELECTRONIC#(W) (MAIL OR MESSAGE#)
L2 11396 EMAIL OR MAIL OR E (W) MAIL OR ELECTRONIC#(W) (MAIL OR MESSAGE#)

=> s 12 /ab

12 EMAIL/AB
1673 MAIL/AB
75357 E/AB
1673 MAIL/AB
82 E/AB(W) MAIL/AB
45343 ELECTRONIC#/AB
1673 MAIL/AB
10329 MESSAGE#/AB
204 ELECTRONIC#/AB(W) (MAIL/AB OR MESSAGE#/AB)
L3 1711 (EMAIL/AB OR MAIL/AB OR E/AB(W) MAIL/AB OR ELECTRONIC#/AB(W)
(MA
IL/AB OR MESSAGE#/AB))

=> s 11 and 13

L4 13 L1 AND L3

=> s 4 and gui or graphical(w)interface#

2389452 4
1682 GUI
<-----User Break----->
u
SEARCH ENDED BY USER
=> s 14 and (gui or graphical(w)interface#)
1682 GUI
44579 GRAPHICAL
242496 INTERFACE#
727 GRAPHICAL(W) INTERFACE#
L5 0 L4 AND (GUI OR GRAPHICAL(W) INTERFACE#)

=> d 14 1-13

1. 5,877,765, Mar. 2, 1999, Method and system for displaying internet shortcut icons on the desktop; David R. Dickman, et al., 345/349, 329, 357 [IMAGE AVAILABLE]

2. 5,867,646, Feb. 2, 1999, Providing secure access for multiple processes having separate directories; Max L. Benson, et al., 395/186 [IMAGE AVAILABLE]

3. 5,838,923, Nov. 17, 1998, Method and system for synchronizing

computer mail user directories; Duncan Wayne Lee, et al., 395/200.66; 707/201; 709/206, 250; 714/748 [IMAGE AVAILABLE]

4. 5,835,084, Nov. 10, 1998, Method and computerized apparatus for distinguishing between read and unread messages listed in a graphical message window; Steven J. Bailey, et al., 345/326 [IMAGE AVAILABLE]

5. 5,832,502, Nov. 3, 1998, Conversation index builder; Peter E. Durham, et al., 707/104; 709/206 [IMAGE AVAILABLE]

6. 5,826,269, Oct. 20, 1998, Electronic mail interface for a network server; Peter Hussey, 707/10; 395/500; 707/2, 3, 5, 7, 9, 104, 500, 526; 709/206, 250; 710/112 [IMAGE AVAILABLE]

7. 5,822,526, Oct. 13, 1998, System and method for maintaining and administering email address names in a network; Edward Paul Waskiewicz, 395/200.36; 709/207, 218 [IMAGE AVAILABLE]

8. 5,818,447, Oct. 6, 1998, System and method for in-place editing of an electronic mail message using a separate program; Richard J. Wolf, et al., 345/335; 707/516, 524; 709/206, 303 [IMAGE AVAILABLE]

9. 5,793,970, Aug. 11, 1998, Method and computer program product for converting message identification codes using a conversion map accessible via a data link; Thomas F. Fakes, et al., 395/200.46; 379/93.24; 707/1; 709/219 [IMAGE AVAILABLE]

10. 5,689,565, Nov. 18, 1997, Cryptography system and method for providing cryptographic services for a computer application; Terrence R. Spies, et al., 380/25, 24 [IMAGE AVAILABLE]

11. 5,644,706, Jul. 1, 1997, Failure detection and reporting for a computer mail gateway; Adrian Ruigrok, et al., 364/241.7, DIG.1; 370/242; 709/224 [IMAGE AVAILABLE]

12. 5,627,997, May 6, 1997, Method and system for converting computer mail messages using an extensible set of conversion routines; Malcolm E. Pearson, et al., 395/500; 370/428; 709/206, 246 [IMAGE AVAILABLE]

13. 5,557,723, Sep. 17, 1996, Method and system for customizing forms in an electronic mail system; Nick Holt, et al., 707/506; 345/333; 358/402; 707/530 [IMAGE AVAILABLE]

=> s (email or e(w)mail or electronic#(w) (mail or message#))

309 EMAIL
1438535 E
11059 MAIL
1170 E(W)MAIL
320330 ELECTRONIC#
11059 MAIL
61339 MESSAGE#
2210 ELECTRONIC#(W) (MAIL OR MESSAGE#)
L1 3018 (EMAIL OR E(W)MAIL OR ELECTRONIC#(W) (MAIL OR MESSAGE#))

=> s l1(p)parameter#(p) (modified or modify or modifying or chang? or customiz?)

277166 PARAMETER#
481500 MODIFIED
99144 MODIFY
96494 MODIFYING
1260756 CHANG?
15640 CUSTOMIZ?
L2 17 L1(P)PARAMETER#(P) (MODIFIED OR MODIFY OR MODIFYING OR CHANG
? O
R CUSTOMIZ?)

=> s l2(p)(text)(p)(header or address? or destination or target or format or name or sender or receiver or subject or bind(w)copy)

49100 TEXT
35640 HEADER
203072 ADDRESS?
35082 DESTINATION
120721 TARGET
91283 FORMAT
163855 NAME
6462 SENDER
136992 RECEIVER
437931 SUBJECT
48716 BIND
60945 COPY
L3 3 L2(P)(TEXT)(P)(HEADER OR ADDRESS? OR DESTINATION OR TARGET
OR
FORMAT OR NAME OR SENDER OR RECEIVER OR SUBJECT OR BIND(W)C
OPY
)

=> d 1-3

1. 5,870,454, Feb. 9, 1999, Telecommunications speech/text conversion and message delivery system; Johan Dahlen, 379/88.14, 88.13, 100.01, 100.08, 100.13 [IMAGE AVAILABLE]
2. 5,588,009, Dec. 24, 1996, Personal paging, communications, and locating system; Craig A. Will [IMAGE AVAILABLE]
3. 5,479,408, Dec. 26, 1995, Wireless personal paging, communications, and locating system; Craig A. Will, 370/313; 340/825.44; 370/349; 379/56.3; 455/38.1 [IMAGE AVAILABLE]

US PAT NO: 5,870,454 [IMAGE AVAILABLE]

L3: 1 of 3

DETDESC:

DETD(24)

Step . . . & collector provides an opportunity for calling party 22 to specify what type of receiving equipment is to receive the **text** message generated by the service. For example, as represented by the blocks 90A-90G in FIG. 1, a variety of types of receiving equipment (fax computer, memo computer, **E-mail** computer, ISDN **receiver**, etc.) may be available for sending the **text** message to the particular called party. At step 234 the prompter & collector gives calling party 22 an opportunity to. . . it should be understood that the steps of main menu option (1) would optionally suitably include a step for enabling **change** to such a default **parameter**.

US PAT NO: 5,588,009 [IMAGE AVAILABLE]

L3: 2 of 3

DETDESC:

DETD(148)

If . . . been pressed. If yes, the appropriate action is taken 466, depending upon the location of the cursor in the displayed **text** and the context. This action may be to display different **text**, to execute a command that **changes** a local **parameter** (e.g., silencing the auditory alarm), or to execute a command or select a response that results in input data being. . . a subpacket is formatted with an appropriate response sequence, including an Input Packet Number and a channel number indicating the **destination address** of the response. This sequence number is entered after incrementing the current Input Packet Number saved as a variable. The. . . message is selected, a subpacket is formatted in the same manner as described above. Either a channel number or the **text** of an **email address** is sent, depending upon whether the **address** is in the preprogrammed list or composed by the user. Any such input data is held in the Input Data. . .

US PAT NO: 5,479,408 [IMAGE AVAILABLE]

L3: 3 of 3

DETDESC:

DETD(146)

If . . . been pressed. If yes, the appropriate action is taken 466, depending upon the location of the cursor in the displayed **text** and the context. This action may be to display different **text**, to execute a command that **changes** a local **parameter** (e.g., silencing the auditory alarm), or to execute a command or select a response that results in input data being. . . a subpacket is formatted with an appropriate response sequence, including an Input Packet Number and a channel number indicating the **destination address** of the response. This sequence number is entered after incrementing the current Input Packet Number saved as a variable. The. . . message is selected, a subpacket is formatted in the same manner its described above. Either a channel number or the **text** of an **email address** is sent, depending upon whether the **address** is in the preprogrammed list or composed by the user. Any such input data is held in the Input Data. . .